

INTERNATIONAL SEARCH REPORT

NL2004/000652

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01N21/03 G01N21/35 G01N21/31		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01N G01J		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 734 165 A (DUERSELEN LOTHAR E DIPL ING ET AL) 31 March 1998 (1998-03-31) cited in the application column 3, line 55 - line 64 figure 1	1-4,6,7, 11-14
Y	EP 0 457 624 A (SIEGER LTD) 21 November 1991 (1991-11-21) figure 1 column 3, line 8 - line 14 column 4, line 41 - line 22 column 6, line 56 - column 7, line 13	1-4,6,7, 11-14
A	GB 1 538 833 A (ADRIAN W) 24 January 1979 (1979-01-24) page 3, line 46 - line 51 figures 1,2	8-10
-/--		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the International filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family		
Date of the actual completion of the International search		Date of mailing of the International search report
24 November 2004		06/12/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer Verdooldt, E

INTERNATIONAL SEARCH REPORT

NL2004/000652

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 125 742 A (WILKS JR PAUL A) 30 June 1992 (1992-06-30) column 3, line 25 - line 37 column 3, line 43 - line 45 column 3, line 49 - line 56 column 3, line 60 - line 63 -----	14
A	US 5 977 546 A (CARLSON LEE RICHARD) 2 November 1999 (1999-11-02) column 6, line 21 - line 30 -----	12
A	US 4 382 656 A (GILBY ANTHONY C) 10 May 1983 (1983-05-10) the whole document -----	1
A	US 3 120 608 A (BIRD GEORGE R) 4 February 1964 (1964-02-04) column 2, line 3 - line 20 column 2, line 55 - line 58 column 3, line 45 - line 52 figure 2 -----	1
A	DE 101 24 055 A (FISHER ROSEMOUNT MFG GMBH & CO) 21 November 2002 (2002-11-21) the whole document -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

NL2004/000652

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5734165	A	31-03-1998	DE 19528919 A1 EP 0758079 A2 JP 9119866 A	20-02-1997 12-02-1997 06-05-1997
EP 0457624	A	21-11-1991	GB 2245058 A DE 69113509 D1 DE 69113509 T2 EP 0457624 A1 IE 911700 A1 PT 97713 A , B	18-12-1991 09-11-1995 30-05-1996 21-11-1991 20-11-1991 30-07-1993
GB 1538833	A	24-01-1979	NONE	
US 5125742	A	30-06-1992	DE 4124545 A1 GB 2246877 A , B JP 4232838 A	30-01-1992 12-02-1992 21-08-1992
US 5977546	A	02-11-1999	AU 7568898 A WO 9852020 A1	08-12-1998 19-11-1998
US 4382656	A	10-05-1983	CA 1162414 A1 DE 3144860 A1 FR 2493998 A1 GB 2087097 A , B IT 1145464 B JP 1680172 C JP 3045329 B JP 57108721 A NL 8105029 A	21-02-1984 09-06-1982 14-05-1982 19-05-1982 05-11-1986 13-07-1992 10-07-1991 06-07-1982 01-06-1982
US 3120608	A	04-02-1964	NONE	
DE 10124055	A	21-11-2002	DE 10124055 A1 WO 02093141 A1 EP 1390718 A1	21-11-2002 21-11-2002 25-02-2004